

Amendments to the Specification:

Please replace the paragraph [0009] with the following amended paragraph:

[0009] Figure 1 is simplified front view of a camera 10. Camera 10 includes a color filter array 11 located behind the camera optics. Color filter array 11 includes sensors that capture images for processing by camera 10. A separate color sensor 13 is used to provide a parallel processing path to calculate white balance. Camera 10 includes other components such as a viewfinder 14, a flash 15, an autofocus window 12 and a shutter button 16.

Please replace the paragraph [0016] with the following amended paragraph:

[0016] Color filter array 11, analog processing A-D conversion block 41, white balance block 43 and image balance block 44 are conventional processing blocks within conventional digital cameras. Color ~~interpretation-interpolation~~ block 42 could be implemented to process the captured digital image to generate an average red intensity (Ravg), an average green intensity (Gavg) and an average blue intensity (Bavg) for the captured image, used in the calculation of White Balance. The present invention obviates the necessity of generating Ravg, Gavg and Bavg by color ~~interpretation-interpolation~~ block 42. Instead, Ravg, Gavg and Bavg are generated in a parallel path based on information captured by color sensor 13.